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ICE CRUSHER N°53

USER AND MAINTENANCE MANUAL

IMPORTANT: documents included in this manual to be kept:

- **"CE" COMPLIANCE DECLARATION**
- **WARRANTY CERTIFICATE**

Translation of the original version



Coffee grinders - Fruit juicers - Mixers - Blenders - Drinks dispensers - Planetary mixers
Cheese graters - Ice crushers - Mincers - Vegetable slicers – Dough mixer
Moulins à café - Presse-fruits - Mixers - Blenders - Distributeurs de boissons - Batteurs mélangeurs - Pétrin - Râpes à fromage - Broyeurs à glaçons - Hache-viande - Coupe-légumes

MODELES DEPOSES FRANCE ET INTERNATIONAL
INTERNATIONALLY PATENTED MODELS

EN

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"EC/EU" COMPLIANCE DECLARATION

THE MANUFACTURER:

SANTOS SAS - 140-150, Av. Roger SALENGRO 69120 VAULX-EN-VELIN (LYON) FRANCE

declares that the appliance intended for the professional market described below:

Description: **ICE CRUSHER**
Type number: **53**

complies with:

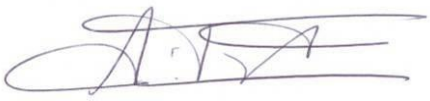
- the statutory provisions defined in appendix 1 of the European "machines" directive **n°2006/42/EC** and the national legislation transposing it
- the statutory provisions of the following European directives and regulations:
  - N° 2014/35/EU (low voltage directive)
  - N° 2014/30/EU (EMC directive)
  - N° 2011/65/EU (RoHS directive)
  - N° 2012/19/EU (WEEE directive)
  - N° 1935/2004/EC (regulation) relating to materials and articles intended to come into contact with foodstuffs
  - N° 10/2011/EU (regulation) plastic materials and articles intended to come into contact with food

Harmonised European standards used to give presumption of conformity with the essential requirements of the above-mentioned directives:

- **NF EN 1678+A1: 2010,** Food processing machinery – **Vegetable cutting machines** - Safety and hygiene requirements.
  This European standard is a type-C standard as defined in EN ISO 12100. When the provisions of this type-C standard differ from those stated in the type-A or B standards, the provisions of the type-C standard override the provisions of the other standards. This standard provides the means to comply with the requirements of the "machines" directive n°2006/42/CE, (see appendix ZA)
- NF EN ISO 12100: 2010: Safety of machinery - General principles for design
- NF EN 60204-1: 2018: Safety of machinery - Electrical equipment of machines-General requirements
- NF EN 1672-2: 2020, Food processing machinery – Basic concepts – Hygiene requirements
- NF EN 60335-1: 2013: Household and similar electrical appliances. Safety.
- NF EN 60335-2-64 :2004 : Particular requirements for commercial electric kitchen machines

Drawn up in VAULX-EN-VELIN on: **01/01/2022**
Signatory's position: **CHIEF EXECUTIVE OFFICER**
Signatory's name: **Aurélien FOUQUET**

Signature:



SAFETY RULES

At the time of use, maintenance or scrapping of the appliance, always ensure that the following elementary precautions are adhered to.

Read the explanatory instructions in full

Keep this user manual

Note: You will find it easier to understand the next few paragraphs if you refer to the diagrams at the end of this manual

ATTENTION:

For all handling operations including unpacking the machine, do not handle or lift the appliance by the locking handle (2) of the cover (1) (fig. A).

ATTENTION: **Make sure** that the cover **(1)** is in the closed position before plugging the power cable **(10)** into the mains supply socket (fig. B).

DO NOT:



1. Do not use this appliance to crush anything other than square or cylindrical ice cubes not exceeding 30x30x30 mm in size.
2. Do not use this appliance to crush frozen foods.
3. No not insert objects into the crushed ice outlet opening (9).
4. Cleaning in a jet of water or a high pressure spray is prohibited.
5. The base must not be immersed in water.
6. Do not use the appliance if the power supply cord is damaged. It must be replaced by either a SANTOS approved dealer or a person with similar qualifications to avoid any danger.
7. The appliance must be unplugged before any intervention on it: cleaning, general care, maintenance.
8. It is forbidden to operate the appliance on a surface with a slope in excess of 10° with respect to the horizontal plane. The feet of the machine must always be resting on this surface.
9. The use of spare parts other than certified original SANTOS parts is prohibited
10. Never connect several appliances to the same power socket.
11. Never use the machine outdoors.
12. Never place the appliance close to or on a source of heat.
13. This appliance is a professional machine designed exclusively for professional use. It is not designed for household use.
14. This appliance is not designed for use by people (including children) whose physical, sensorial or mental capacities are impaired or by people with no experience or knowledge, unless they have been supervised or given training in the use of the appliance beforehand by a person responsible for their safety. Supervise children to ensure they do not play with the appliance.

15. This appliance is intended for use in communal areas, e.g. in the kitchens of restaurants, canteens, hospitals and artisan trades such as bakeries, butcher's shops, etc., but not for continuous mass production of food.

INSTALLATION AND HANDLING

The machine can be handled by a single person. It is recommended that the appliance be placed on a table or worktop for more comfortable use with the controls facing you (recommended height: 90 cm, to be adapted as required for the user).

ELECTRICAL CONNECTION

- The appliance's power supply is available in two single-phase voltages:
  - 100-120 V 50/60 Hz:
  - 220-240 V 50/60 Hz:

Note: This appliance can operate at both 50Hz and 60Hz without any adjustments.

Line protection: the appliance must be connected to a standard 2 pole + earth socket. The set-up must be fitted with a differential circuit breaker and a 16A fuse. **Earthing of the appliance is compulsory**.

CARE:

- Before connecting the machine, check that the mains electrical voltage is the same as the voltage for your appliance. Its value is shown:
  - either on the identification plate (**16**) under the machine.
  - or on the identification plate on the last page of this manual.
- If the power cable (**10**) is damaged, it should be replaced by a SANTOS approved dealer, SANTOS or a person with similar qualifications to avoid any danger.

USING FOR THE 1st TIME

Carefully clean the parts of the machine in contact with the ice cubes (fig. A).

- Grip the handle of the cover (**2**) to unlock it, then lift it up to gain access to the ice cube hopper (**3**). Clean the cover (**1**), hopper (**3**), ice bucket (**6**) with a non-abrasive sponge and standard washing up liquid.

RECYCLING THE PRODUCT AT THE END OF ITS SERVICE LIFE



This equipment is marked with the selective sorting symbol relating to wastes from electrical and electronic equipment. It signifies that this product should be taken over by a selective collection system conforming to the Guideline 2012/19/EU (WEEE) – part Professional Equipment – so that it can be either recycled or dismantled in order to reduce any impact on the environment.

For more information, please contact your Retailer or the SANTOS.

For eliminating or recycling components of equipment, please contact a specialized company or contact SANTOS.

The electronic products not undergoing a selective sorting are potentially dangerous for the environment.

The damaging materials should be eliminated or recycled according to the regulations in force.

FOR THE ICE CRUSHER N° 53

- Ice crusher N° 53 is designed especially for bars, cafés, hotels, restaurants and nightclubs.
- The appliance comprises a plastic crushing unit fitted with stainless steel blades, a 1.3 kg see-through plastic hopper and a standard ice bucket.
- The appliance crushes ice cubes (square or cylindrical) from conventional ice cube makers.
- It is fitted with a planetary reduction gear and asynchronous motor pilot controlled by an electronic board.
- It allows for 2 sizes of crushed ice to be made.

USING THE APPLIANCE

START-UP:

Assembly and preparation

(fig. A)

1. **Place the drip tray (8) and its holder (7)** under the crushing unit (**9**).

USING

1. Switch on the appliance by plugging in the power cable (**10**).
2. Fill the ice bucket (**6**) with blocks of ice (*see **warning paragraph***)
3. Pour the contents of the ice bucket into the ice cube hopper (**3**) (fig. C)
4. Close and lock the cover (**1**) of the hopper.
5. Place the ice bucket (without its cover) on the drip tray (**8**) (fig. D).
6. Press the button corresponding to the size of crushed ice required.

   The **left-hand button** (**5**) is provided to obtain **small-sized** crushed ice.
   The **right-hand button** (**4**) is provided to obtain **big-sized** crushed ice.

7. (The crushed ice falls into the ice bucket) (fig. E).

HOW TO STOP THE MACHINE

The appliance is stopped either by:

1. pressing the button corresponding to the size of crushed ice being made "button lit up" (**4 or 5**),
2. opening up the cover (**1**).
3. or unplugging the power cable plug (**10**)

CHOOSING THE SIZE OF CRUSHED ICE

The appliance does not require any adjustment.

The **left-hand button** (**5**) is provided to obtain **small-sized** crushed ice.
The **right-hand button** (**4**) is provided to obtain **big-sized** crushed ice.

USING THE MANUAL OR AUTOMATIC MODE

Manual mode

Prolonged pressing of one of the **buttons** (**4 or 5**) starts up the **manual mode**. The motor runs for as long as the push button is pressed then stops as soon as it is released.

Automatic mode

Brief pressing of one of the **buttons** (**4 or 5**) starts up the **automatic mode**. The motor runs for a set programmed time (1 minute) then stops.
Note: the timer cannot be adjusted. The preset time corresponds to complete crushing of

the 1.3 kg of ice (maximum hopper capacity).

During the automatic cycle, **briefly pressing** of the button for the **size** of crushed ice in progress (button lit up) will stop the appliance (timer initialization).

During the automatic cycle, **briefly pressing** of the button for the **other size** of crushed ice in progress (button NOT lit up) will change the crushed ice size without initializing the timer.

Opening the cover (1) during the automatic cycle will stop the motor.
Closing the cover (**1**) will start the motor back up. The cycle resumes where it was as soon as the cover is closed (timer not initialized on opening/closing of cover).

CLEANING



IMPORTANT:

- **In every case, the machine should be stopped and the machine's power cable (10) unplugged.**
- **Cleaning with a water spray or pressure spray is not permitted**